

SAF-B01-017
100-B/C Area Near Field Monitoring -
Air Filter Analysis
45 DAY PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Joan Kessner

H0-23

NB 4/25/05
INITIAL/DATE

DIS

NB 4/25/05
INITIAL/DATE

COMMENTS:

SDG

20050779

B01-017

X Rad only

Chem only

Rad & Chem

X Complete

Partial

RECEIVED
MAY 12 2005
EDMC

**AIR QUALITY
DOCUMENT**

WSCF Sample Site Cross-Reference Report

Group#: 20050779

Date Printed: 19-apr-2005

B01-017

| Sample# | Site Name | Sample ID |
|---------|-----------|-----------|
|---------|-----------|-----------|

B01-017



| | | |
|------------|------|---------|
| W05F000891 | N466 | S643570 |
| W05F000892 | N465 | S643569 |
| W05F000893 | N464 | S643568 |
| W05F000894 | N496 | S643579 |
| W05F000895 | N497 | S643580 |

AIR QUALITY
DOCUMENT



WSCF ANALYTICAL RESULTS REPORT

for

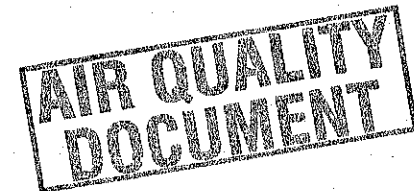
Effluent and Environmental Monitoring (EEM)
Post Office Box 1970 T6-36
Richland, WA 99354

Attention: Larry Diediker

Analytical: _____

Client Services: _____

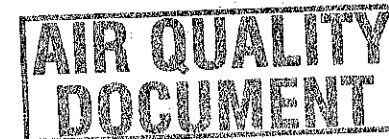
All results are reported on an "as received" basis unless otherwise noted in the comment section.



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Report#: 20050779
Report Date: 19-apr-2005
Report W004/ver. 5.2
Effluent and Environmental Monitoring (EEM)

WSCF ANALYTICAL RESULTS REPORT



Attention: Larry Diediker
Project: 100BC: Bechtel Doghouse 100BC

Group #: 20050779

| Sample # | Client ID | CAS # | Test Performed | Matrix | Method | RQ | Result | Unit | DF | MDL | Analyze | Sample | Receive |
|------------|-----------|------------|--------------------------------|--------|------------|----|----------|------|------|---------|----------|----------|----------|
| W05F000891 | S643570 | 12587-46-1 | Gross Alpha | FILTER | LA-508-415 | | 5.46e-07 | uCi | 1.00 | 4.2e-07 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000891 | S643570 | E,T,C | Gross Alpha Abs. Cntg Error | FILTER | LA-508-415 | | 5.16e-07 | uCi | 1.00 | 0.0 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000891 | S643570 | 12587-47-2 | Gross Beta | FILTER | LA-508-415 | | 1.30e-05 | uCi | 1.00 | 9.5e-07 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000891 | S643570 | E,T,C | Gross Beta Absolute Cntg Error | FILTER | LA-508-415 | | 1.55e-06 | uCi | 1.00 | 0.0 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000892 | S643569 | 12587-46-1 | Gross Alpha | FILTER | LA-508-415 | | 4.23e-07 | uCi | 1.00 | 4.2e-07 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000892 | S643569 | E,T,C | Gross Alpha Abs. Cntg Error | FILTER | LA-508-415 | | 4.77e-07 | uCi | 1.00 | 0.0 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000892 | S643569 | 12587-47-2 | Gross Beta | FILTER | LA-508-415 | | 1.08e-05 | uCi | 1.00 | 9.5e-07 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000892 | S643569 | E,T,C | Gross Beta Absolute Cntg Error | FILTER | LA-508-415 | | 1.41e-06 | uCi | 1.00 | 0.0 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000893 | S643568 | 12587-46-1 | Gross Alpha | FILTER | LA-508-415 | | 6.69e-07 | uCi | 1.00 | 4.2e-07 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000893 | S643568 | E,T,C | Gross Alpha Abs. Cntg Error | FILTER | LA-508-415 | | 5.50e-07 | uCi | 1.00 | 0.0 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000893 | S643568 | 12587-47-2 | Gross Beta | FILTER | LA-508-415 | | 1.22e-05 | uCi | 1.00 | 9.5e-07 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000893 | S643568 | E,T,C | Gross Beta Absolute Cntg Error | FILTER | LA-508-415 | | 1.50e-06 | uCi | 1.00 | 0.0 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000894 | S643579 | 12587-46-1 | Gross Alpha | FILTER | LA-508-415 | | 1.53e-06 | uCi | 1.00 | 4.2e-07 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000894 | S643579 | E,T,C | Gross Alpha Abs. Cntg Error | FILTER | LA-508-415 | | 6.14e-07 | uCi | 1.00 | 0.0 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000894 | S643579 | 12587-47-2 | Gross Beta | FILTER | LA-508-415 | | 1.38e-05 | uCi | 1.00 | 9.5e-07 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000894 | S643579 | E,T,C | Gross Beta Absolute Cntg Error | FILTER | LA-508-415 | | 1.59e-06 | uCi | 1.00 | 0.0 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000895 | S643580 | 12587-46-1 | Gross Alpha | FILTER | LA-508-415 | | 1.16e-06 | uCi | 1.00 | 4.2e-07 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000895 | S643580 | E,T,C | Gross Alpha Abs. Cntg Error | FILTER | LA-508-415 | | 5.38e-07 | uCi | 1.00 | 0.0 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000895 | S643580 | 12587-47-2 | Gross Beta | FILTER | LA-508-415 | | 1.10e-05 | uCi | 1.00 | 9.5e-07 | 04/14/05 | 03/29/05 | 04/11/05 |
| W05F000895 | S643580 | E,T,C | Gross Beta Absolute Cntg Error | FILTER | LA-508-415 | | 1.43e-06 | uCi | 1.00 | 0.0 | 04/14/05 | 03/29/05 | 04/11/05 |

MDL=Minimum Detection Limit

RQ=Result Qualifier

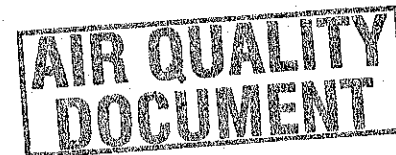
DF=Dilution Factor

* - Indicates results that have NOT been validated; + - Indicates more than six qualifier symbols

Report W004/ver. 5.2

Effluent and Environmental Monitoring (EEM)

WSCF
ANALYTICAL COMMENT REPORT



Attention:
Project Number

Group #: 20050779

| Sample # | Client ID | Lab Area | Test | Comment |
|----------|-----------|----------|------|---------|
|----------|-----------|----------|------|---------|

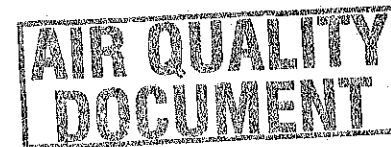
Lab Areas: VALGROUP - Group Validation
LOGSAMP - Login for Sample

VALTEST - Test Validation
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT



Attention:
Project Number

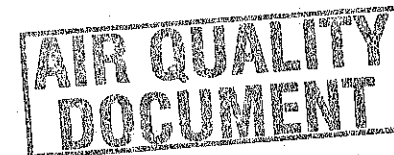
Group #: 20050779

| Sample # | Client ID | Test Name | Peak Name | CAS# | RT | RQ | Result | Units |
|----------|-----------|-----------|-----------|------|----|----|--------|-------|
|----------|-----------|-----------|-----------|------|----|----|--------|-------|

RQ=Result Qualifier

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WSCF METHOD REFERENCES REPORT



The results provided in this report were generated using the following WSCF Laboratory procedures. For your convenience, this table provides a listing of the regulatory or industry methods that are referenced by each of these WSCF procedures. Please note that the most recent version of the regulatory or industry method is listed here even though the WSCF procedure may reference an older version of the method. Also, a reference to a regulatory or industry method here does not necessarily indicate a verbatim implementation of that method.

| | |
|-------------------|---|
| LA-508-415 | LA-508-415: OPERATION OF THE 2-INCH PROTEAN ALPHA/BETA COUNTING SYSTEM FOR GROSS |
| None | No reference to any industry method. |

Note: A complete list of WSCF analytical procedures and referenced regulatory or industry methods is available online at <http://apweb02/asponlinedocs/wscf/sample%20mgmt/ProcedureMethodCrossReference.pdf>. This document includes on-line links to full-text versions of the procedures and methods, where available.

Report Date: 19-apr-2005

Report #: 20050779

Report W04M/2